ABSTRACT

A recurrent reflective synthetic filament yarn is disclosed. The yarn is produced by the following process, including the steps of melt-spinning a mixture of glass beads and a synthetic fiber resin through a spinneret, said beads being vacuum-metalized with a material having a reflection function. The process further comprising the steps of positioning an electric field around the spinneret, and passing said filament through the electric field before said filament is solidified, whereby said glass beads in said filament rotate so that said metalized parts of the glass beads all point in a same direction.